

U.S. National Phase of International Application No. PCT/SE2003/001248

Inventor: ALASRI, Richard

Title: FOOD-GRADE SANITIZING COMPOSITION

Preliminary Amendment

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A sanitizing composition comprising from about 0.25-10% by weight of a sulfur-containing salt, from about 0.25-10% by weight of a substituted or unsubstituted C2-C10 monocarboxylic acid or a salt thereof, and from about 0.1-30% by weight of an alcohol, said sulfur-containing salt being selected from the group consisting of alkali and alkaline earth metal sulfite salts.

2. (Original) The composition of claim 1, said sulfur-containing salt being sodium sulfite.

3. (Currently Amended) The composition of ~~any of the preceding claims~~ claim 1, said alcohol being selected from the group consisting of C1 -C8 alcohols and mixtures thereof.

4. (Original) The composition of claim 3, said alcohol being selected from the group consisting of ethanol, propanol, and mixtures thereof.

5. (Currently Amended) The composition of ~~any of the preceding claims~~ claim 1, said composition comprising from about 0.5-5.0% by weight of said sulfur-containing salt.

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6. (Currently Amended) The composition of ~~any of the preceding claims~~ claim 1,
said carboxylic acid comprising lactic acid or a salt thereof.

7. (Currently Amended) The composition of ~~any of the preceding claims~~ claim 1,
said composition comprising from about 0.5-5.0% by weight of said carboxylic acid or salt thereof.

8. (Currently Amended) The composition of ~~any of the preceding claims~~ claim 1,
said composition comprising from about 1-15% by weight of said alcohol.

9. (Currently Amended) The composition of ~~any of the preceding claims~~ claim 1,
said composition further comprising an emollient.

10. (Original) The composition of claim 9, said emollient selected from the group
consisting of glycerin, lanolin, sorbitol, the alkylene glycols, the polyols, fatty acid esters of
polyhydroxylated compounds, and mixtures thereof.

11. (Currently Amended) The composition of ~~any of the preceding claims~~ claim 1,
said composition further comprising a surfactant.

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12. (Original) The composition of claim 11, said surfactant being selected from the group consisting of nonionic surfactants, anionic surfactants, cationic surfactants, amphoteric surfactants, polyoxyethylene alcohols, polyoxyethylene nonyphenols, polyalkylene oxide block copolymers, polyvinylpyrrolidone, and mixtures thereof .

13. (Original) A sanitizing composition comprising from about 0.25-10% by weight of an inorganic sulfur-containing salt, from about 0.25-10% by weight of a substituted or unsubstituted C2-C10 carboxylic acid or a salt thereof and from about 0.1-30% by weight of an alcohol, said sulfur-containing salt being selected from the group consisting of alkali and alkaline earth metal sulfite salts.

14. (Original) The composition of claim 13, said sulfur-containing salt being sodium sulfite.

15. (Currently Amended) The composition ~~of any of the claims 13-14~~ claim 13, said alcohol being selected from the group consisting of C1-C5 alcohols and mixtures thereof.

16. (Original) The composition of claim 15, said alcohol being selected from the group consisting of ethanol, propanol, and mixtures thereof.

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17. (Currently Amended) The composition of ~~any of the claims 13-16~~ claim 13, said composition comprising from about 0.5-5.0% by weight of said sulfur-containing salt.

18. (Currently Amended) The composition of ~~any of the claims 13-17~~ claim 13, said carboxylic acid comprising lactic acid or a salt thereof.

19. (Currently Amended) The composition of ~~any of the claims 13-18~~ claim 13, said composition comprising from about 0.5-5.0% by weight of said carboxylic acid or salt thereof.

20. (Currently Amended) The composition of ~~any of the claims 13-19~~ claim 13, said composition comprising from about 1-15% by weight of said alcohol.

21. (Currently Amended) The composition of ~~any of the claims 13-20~~ claim 13, said composition further comprising an emollient.

22. (Original) The composition of claim 21, said emollient selected from the group consisting of glycerin, lanolin, sorbitol, the alkylene glycols, the polyols, fatty acid esters of polyhydroxylated compounds, and mixtures thereof.

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23. (Currently Amended) The composition of ~~any of the claims 13-22~~ claim 13, said composition further comprising a surfactant.

24. (Original) The composition of claim 23, said surfactant being selected from the group consisting of nonionic surfactants, anionic surfactants, cationic surfactants, amphoteric surfactants, polyoxyethylene alcohols, polyoxyethylene nonylphenols, polyalkylene oxide block copolymers, polyvinylpyrrolidone, and mixtures thereof.

25. (Currently Amended) A sanitizing wipe comprising an absorbent substrate and a sanitizing composition according to ~~any of the preceding claims~~ claim 1 loaded thereon.

26. (Original) The sanitizing wipe of claim 25, said absorbent substrate comprising a woven or nonwoven web of natural fibers, synthetic fibers, or mixtures of natural and synthetic fibers.

27. (Original) The sanitizing wipe of claim 26, said absorbent substrate comprising cellulosic fibers.

28. (Currently Amended) A method of sanitizing a surface comprising contacting said surface with the composition of ~~any of the claims 1-24~~ claim 1.

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29. (Original) The method of claim 28, said surface comprising animal skin.
30. (Original) The method of claim 29, said surface being a bovine teat.
31. (Currently Amended) A method of sanitizing a surface comprising wiping said surface with the sanitizing wipe ~~of any of the claims 25-27~~ claim 25.
32. (Original) The method of claim 31, said surface comprising animal skin.
33. (Original) The method of claim 32, said surface being a bovine teat.